

Title (en)

High-production standalone machining centre taking parts vertically

Title (de)

Autonomes Hochleistungs-Bearbeitungszentrum mit vertikaler Teileentnahme

Title (fr)

Centre d'usinage autonome de haute production à prise de pièce verticale

Publication

**EP 2233247 B1 20110824 (FR)**

Application

**EP 09156509 A 20090327**

Priority

EP 09156509 A 20090327

Abstract (en)

[origin: EP2233247A1] The center has a work holder (4) comprising a gripping device (5) for integrating and disintegrating a machine part (6) or pallet with the holder. The holder is mounted to move on a sliding carriage (7) so as to be displaced along vertical axis (V1). The holder allows movement and suspension of the part or pallet in a machining zone and unloading of the part or pallet in an unloading zone by using the device. Movable and distinct machining units (1, 2) e.g. revolving head unit and vertical spindle, are oppositely placed along longitudinal axis of the center on both sides of the zone.

IPC 8 full level

**B23Q 39/02** (2006.01)

CPC (source: EP)

**B23Q 39/026** (2013.01)

Cited by

EP3195976A1; EP3195977A1; US10322484B2; WO2016188864A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2233247 A1 20100929; EP 2233247 B1 20110824**; AT E521448 T1 20110915

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